

Claims:

- 1 1) A circuit for detecting and routing a telephone ringing signal, comprising:
2 an input terminal for receiving a telephone ringing signal;
3 a frequency filter for selecting signals of a specific frequency from said
4 ringing signal; and
5 a switch, responsive to said selected signals, for routing said telephone
6 ringing signal.

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1 2) The circuit of claim 1 comprising two bandpass filters.

1 3) The circuit of claim 1 comprising two switches.

1 4) The circuit of claim 1 wherein said switch is an analog switch.

1 5) The circuit of claim 1 further comprising a capacitor for removing noise of
2 said specific frequency.

1 6) The circuit of claim 1 further comprising a speaker.

1 7) A method of detecting and routing an incoming ringing signal for a telephone,
2 comprising the steps of:
3 splitting off a portion of the incoming ringing signal;
4 checking if a desired characteristic is present in the portion of the incoming
5 ringing signal; and
6 routing the incoming ringing signal based on whether the characteristic is
7 present.

1 8) The method of claim 7 wherein said characteristic is frequency.

1 9) The method of claim 7 wherein said characteristic is wavelength.

1 10) The method of claim 7 wherein said characteristic is a wave packet generated
2 by a computer server.

1 11) The method of claim 7 wherein said step of checking checks for the presence
2 of a plurality of characteristics.

1 12) A system for detecting and routing an incoming signal, comprising:
2 a frequency filter for selecting signals of a specific frequency from said
3 incoming signal;
4 a capacitor for removing brief intervals of said selected signals;

5 a switch responsive to said selected signals for routing said incoming signal;
6 and
7 a speaker.

1 13) The system of claim 12 comprising two frequency filters.

1 14) The system of claim 12 comprising two switches.

1 15) The system of claim 12 wherein said switch is an analog switch.

1 16) A system for detecting and routing an incoming signal, comprising:
2 an input/output device for receiving and transmitting the incoming signal;
3 a CPU for processing the incoming signal;
4 logic for analyzing the processed signal;
5 an amplifier for amplifying a ringing signal; and
6 a speaker for outputting said amplified signal.

1 17) The system of claim 16 wherein said input/output device is a soundcard.

1 18) The system of claim 16 wherein said CPU is part of a personal computer.

1 19) The system of claim 16 wherein said logic is in software.

- 1 20) The system of claim 16 wherein said input/output device is an analog to
- 2 digital converter.